

	A	B	C	D
1		Date	Class Focus	Assignments
2	Class 1 9:00-12:00	1/17/18	Intro <b>NSTA Learning Center</b> - Collection Interactive Notebooks <b>State Science Standards</b> Treasure Hunt + K-12 Framework for Science Education Setup Interactive Notebooks Mindsets - STEM Autobiography & Mindset Reflection	📖 STEM Autobiography & Mindset Reflection - Post to iLearn by 1/19
3	Class 2 9:00-12:00	1/24/18	<b>Concept Focused Teaching</b> - A New Vision for Science Education Three Dimensions Concept Attainment <b>Planning a 5E Lesson</b> - 5E with Toys & In-Class Jigsaw Reading about 5Es - Flipbook <b>Nature of Science</b> PPSTEM Space Exploration & Notetaker	📖 Concept Focused Teaching <i>Reading</i> - "Picture Notemaking" Graphic Organizer
4	Class 3 9:00-12:00	1/31/18	<b>Science &amp; Engineering Practices</b> - Snapshots of Practice Card Sort, Core Samples <b>Assessment</b> - Card Sort, Formative Assessment Probes, and Formative Assessment Classroom Techniques <b>5E Lesson</b> - Planning Time <b>SciPack Assignment</b> - Intro	📖 Science & Engineering Practices Reading - "Write About" Graphic Organizer 📖 Select 5E Lesson Concept and Standards 📖 Assessment Reading & "My Top Ten List" Graphic Organizer
5	Class 4 SciPack	2/7/18 Virtual	Complete SciPack Module 1, 2, & 3 + one page of notes for each module.	Notes Due to iLearn Dropbox 2/7
6	Class 5 9:00-12:00	2/14/18	5E Lesson Plan- Revisions <b>Science &amp; Literacy</b> : Academic Vocabulary & Language Demands <b>Informational Texts &amp; Text Complexity</b> - Picture Perfect Science, Newsela, etc.	📖 Rough Draft of 5E Intro Lesson Due 📖 Integrating Science & Literacy - "Non-fiction Reading Response Choice Board" Graphic organizer
7	Class 6 9:00-12:00	2/21/18	5E Lesson - Demo Lessons <b>Differentiated Instruction</b> - Discussion	📖 Differentiation Reading - "Headline News! Summary" Graphic Organizer 📖 5E Intro Lesson Due
8	9:00-12:00	2/28/18	<b>Explanations &amp; Argumentation</b> - CER & KLEW Charts, How strong is air? <b>MAKERSPACE Inquiry</b> - Introduction, Engineering Design Cycle - Intro Bottle Rockets	📖 Scientific Argumentation Reading - "Let's Analyze It!" Graphic Organizer
9		3/7/18	Spring Break - No Classes	
10	Class 8 SciPack	3/14/2018 Virtual	Complete SciPack Module 4 & Pedagogical Implications for K-2 & 3-5. One page of notes for both module 4 and Pedagogical Implications	Notes Due to iLearn Dropbox 3/14 Final Assessment Due 3/16
11	Class 9 9:00-12:00	3/21/18	<b>Phenomena, Questions, &amp; Models</b> - 3 Dimensional Learning & The Reasoning Triangle <b>MAKERSPACE Inquiry</b>	📖 Phenomena Reading - "What's the Point?" Graphic Organizer 📖 Makerspaces Reading - Graphic Organizer
12	Class 10 9:00-12:00	3/28/18	<b>Engineering Design Cycle</b> Bottle Rocket Launches - complete Engineering Design Packet <b>Makerspace Inquiry</b> <b>PLT &amp; WILD</b> - Intro	📖 Engineering Design Reading - complete "I Can Read Informational Texts" Graphic Organizer Bottle Rockets Due
13	Class 11 & 12 9:00-3:00	4/3/18	<b>PLT &amp; WILD Workshop</b> - Place TBA (Park, Zoo, Ijams, Norris...)	PLT & Wild Reflection Due (iLearn Dropbox 4/6)
14	Class 13 9:00-12:00	4/4/18	<b>MAKERSPACE INQUIRY</b> - Finalize <b>Lesson Plan</b> -Begin	📖 Final Inquiry Project Due
15	CLASS 14 8:00-2:30	4/11/18	MAKERSPACE AT CARYVILLE ELEMENTARY	
16	CLASS 15 8:00-2:30	4/18/18	MAKERSPACE AT CARYVILLE ELEMENTARY	📖 Interactive Notebook Due